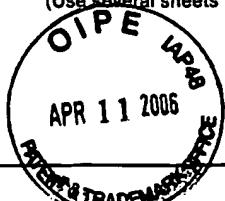


| | | | | | |
|---|--|--|--|-------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | |
| | | FILING DATE 04 November 2003 | | GROUP 1712 | |



U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|---------------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 2,206,761 A | 07/1940 | Bergstein | | | |
| | AB | 2,266,761 A | 12/1941 | Jackson, Jr. et al. | | | |
| | AC | 2,357,392 A | 09/1944 | Francis, Jr. | | | |
| | AD | 2,464,301 A | 03/1949 | Francis, Jr. | | | |
| | AE | 2,483,405 A | 10/1949 | Francis, Jr. | | | |
| | AF | 2,957,512 A | 10/1960 | Wade et al. | | | |
| | AG | 2,957,852 A | 10/1960 | Frankenburg et al. | | | |
| | AH | 3,186,893 A | 06/1965 | Mercer | | | |
| | AI | 3,371,668 A | 03/1968 | Johnson | | | |
| | AJ | 3,391,048 A | 07/1968 | Dyer et al. | | | |
| <i>MJ</i> | AK | 3,439,085 A | 04/1969 | Hartmann | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>MJ</i> | AL | 2 165 486 | 06/1996 | CA | | | | |
| | AM | 34 23 644 | 01/1986 | DE | | | | |
| | AN | 37 34 963 | 04/1988 | DE | | | | |
| | AO | 0 155 636 | 09/1985 | EP | | | | |
| <i>MJ</i> | AP | 0 172 037 | 02/1986 | EP | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | | |
|--|----|--|--|--|--|--|--|--|
| | AR | | | | | | | |
| | | | | | | | | |
| | AS | | | | | | | |
| | | | | | | | | |
| | AT | | | | | | | |
| | | | | | | | | |

EXAMINER

Mall Janney

DATE CONSIDERED

10/25/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part1.3/ mrc

| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | | SERIAL NO. 10/701,259 | |
|--|----|--|---------|---------------------------------|-------|--------------------------|----------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT <small>(use several sheets if necessary)</small> | | APPLICANT(S) Peiguang ZHOU et al. | | | | | |
| | | FILING DATE 04 November 2003 | | GROUP 1712 | | | |
| | | U.S. PATENT DOCUMENTS | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>mj</i> | AA | 3,449,187 A | 06/1969 | Bobkowicz | | | |
| | AB | 3,468,748 A | 09/1969 | Bassett | | | |
| | AC | 3,489,148 A | 01/1970 | Duncan et al. | | | |
| | AD | 3,575,782 A | 04/1971 | Hansen | | | |
| | AE | 3,616,129 A | 10/1971 | Sager | | | |
| | AF | 3,629,047 A | 12/1971 | Davison | | | |
| | AG | 3,669,823 A | 06/1972 | Wood | | | |
| | AH | 3,673,026 A | 06/1972 | Brown | | | |
| | AI | 3,676,242 A | 07/1972 | Prentice | | | |
| <i>mj</i> | AJ | 3,689,342 A | 09/1972 | Vogt et al. | | | |
| <i>mj</i> | AK | 3,752,613 A | 08/1973 | Vogt et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| <i>mj</i> | AL | 0 217 032 | 04/1987 | EP | | | |
| | AM | 0 239 080 | 09/1987 | EP | | | |
| | AN | 0 330 716 A2 | 09/1989 | EP | | | |
| | AO | 0 380 781 | 08/1990 | EP | | | |
| <i>mj</i> | AP | 0 396 800 | 11/1990 | EP | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| EXAMINER <i>Mall Janner</i> | | | | DATE CONSIDERED <i>10/25/06</i> | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|---------|---------------|-------|----------|----------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>MJ</i> | AA | 3,773,590 A | 11/1973 | Morgan | | | |
| | AB | 3,806,289 A | 04/1974 | Schwarz | | | |
| | AC | 3,836,416 A | 09/1974 | Ropiequet | | | |
| | AD | 3,838,692 A | 10/1974 | Levesque | | | |
| | AE | 3,855,046 A | 12/1974 | Hansen et al. | | | |
| | AF | 3,857,144 A | 12/1974 | Bustin | | | |
| | AG | 3,860,003 A | 01/1975 | Buell | | | |
| | AH | 3,890,184 A | 06/1975 | Morgan | | | |
| | AI | 3,904,465 A | 09/1975 | Haase et al. | | | |
| | AJ | 3,912,567 A | 10/1975 | Schwartz | | | |
| <i>MJ</i> | AK | 3,917,448 A | 11/1975 | Wood | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|---------|---------|-------|----------|-------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| <i>MJ</i> | AL | 0 456 885 | 11/1991 | EP | | | |
| | AM | 0 547 497 | 06/1993 | EP | | | |
| | AN | 0 582 569 | 02/1994 | EP | | | |
| | AO | 0 604 731 | 07/1994 | EP | | | |
| <i>MJ</i> | AP | 0 617 939 | 10/1994 | EP | | | |

| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
|--|----|--|--|--|--|--|--|
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |

| | | | |
|---|--------------------|-----------------|-----------------|
| EXAMINER | <i>Mark Janner</i> | DATE CONSIDERED | <i>10/15/05</i> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|---------------|-------|----------|----------------------------|
| M | AA | 3,932,328 A | 01/1976 | Korpman | | | |
| | AB | 3,949,128 A | 04/1976 | Ostermeier | | | |
| | AC | 3,949,130 A | 04/1976 | Sabee et al. | | | |
| | AD | 3,973,063 A | 08/1976 | Clayton | | | |
| | AE | 3,978,185 A | 08/1976 | Buntin et al. | | | |
| | AF | 3,979,050 A | 09/1976 | Cilia | | | |
| | AG | 4,013,816 A | 03/1977 | Sabee et al. | | | |
| | AH | 4,028,292 A | 06/1977 | Korpman | | | |
| | AI | 4,038,346 A | 07/1977 | Feeney | | | |
| M | AJ | 4,041,203 A | 08/1977 | Brock et al. | | | |
| M | AK | 4,080,348 A | 03/1978 | Korpman | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| M | AL | 0 688 550 | 12/1995 | EP | | | | |
| J | AM | 0 689 815 | 01/1996 | EP | | | | |
| | AN | 0 713 546 | 05/1996 | EP | | | | |
| M | AO | 0 743 052 | 11/1996 | EP | | | | |
| M | AP | 0 753 292 | 01/1997 | EP | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | | |
|--|----|--|--|--|--|--|--|--|
| | AR | | | | | | | |
| | | | | | | | | |
| | AS | | | | | | | |
| | | | | | | | | |
| | AT | | | | | | | |
| | | | | | | | | |

| | | | |
|----------|-------------------|-----------------|-----------------|
| EXAMINER | <i>Mall Junes</i> | DATE CONSIDERED | <i>10/15/05</i> |
|----------|-------------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 4,090,385 A | 05/1978 | Packard | | | |
| | AB | 4,100,324 A | 07/1978 | Anderson et al. | | | |
| | AC | 4,107,364 A | 08/1978 | Sisson | | | |
| | AD | 4,135,037 A | 01/1979 | Udipi et al. | | | |
| | AE | 4,148,676 A | 04/1979 | Paquette et al. | | | |
| | AF | 4,209,563 A | 06/1980 | Sisson | | | |
| | AG | 4,211,807 A | 07/1980 | Yazawa et al. | | | |
| | AH | 4,239,578 A | 12/1980 | Gore | | | |
| | AI | 4,241,123 A | 12/1980 | Shih | | | |
| | AJ | 4,248,652 A | 02/1981 | Civardi et al. | | | |
| <i>MJ</i> | AK | 4,259,220 A | 03/1981 | Bunnelle et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>MJ</i> | AL | 0 761 193 | 03/1997 | EP | | | | |
| | AM | 0 761 194 | 03/1997 | EP | | | | |
| | AN | 0 763 353 | 03/1997 | EP | | | | |
| | AO | 0 787 474 | 08/1997 | EP | | | | |
| <i>MJ</i> | AP | 0 802 251 A1 | 10/1997 | EP | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | | | |
| | AS | | |
| | | | |
| | AT | | |
| | | | |

| | | | |
|----------|-------------------|-----------------|-----------------|
| EXAMINER | <i>Marc Jumay</i> | DATE CONSIDERED | <i>10/15/06</i> |
|----------|-------------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | | SERIAL NO. 10/701,259 | |
|---|----|--|---------|--------------------------------------|------------------------------------|--------------------------|----------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | | | APPLICANT(S) Peiguang ZHOU et al. | | | |
| | | | | FILING DATE 04 November 2003 | | GROUP 1712 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>hj</i> | AA | 4,285,998 A | 08/1981 | Thibodeau | | | |
| | AB | 4,300,562 A | 11/1981 | Pieniak | | | |
| | AC | 4,302,495 A | 11/1981 | Marra | | | |
| | AD | 4,303,571 A | 12/1981 | Jansen et al. | | | |
| | AE | 4,304,234 A | 12/1981 | Hartmann | | | |
| | AF | 4,310,594 A | 01/1982 | Yamazaki et al. | | | |
| | AG | 4,319,572 A | 03/1982 | Widlund et al. | | | |
| | AH | 4,323,534 A | 04/1982 | DesMarais | | | |
| | AI | 4,333,782 A | 06/1982 | Pieniak | | | |
| | AJ | 4,340,558 A | 07/1982 | Hendrickson | | | |
| <i>hj</i> | AK | 4,374,888 A | 02/1983 | Bomslaeger | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| <i>hj</i> | AL | 0 806 196 | 11/1997 | EP | | | YES |
| | AM | 0 814 189 | 12/1997 | EP | | | NO |
| | AN | 0 901 780 | 03/1999 | EP | | | |
| | AO | 1 013 251 | 06/2000 | EP | | | |
| <i>hj</i> | AP | 2 244 422 | 12/1991 | GB | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| EXAMINER | | <i>hj</i> | | | DATE CONSIDERED <i>10/15/03</i> | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

| | | | | | |
|---|--|--|---------------|-------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | |
| | | FILING DATE 04 November 2003 | GROUP 1712 | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| <i>mj</i> | AA | 4,375,446 A | 03/1983 | Fujii et al. | | | |
| | AB | 4,402,688 A | 09/1983 | Julemont | | | |
| | AC | 4,405,397 A | 09/1983 | Teed | | | |
| | AD | 4,413,623 A | 11/1983 | Pieniak | | | |
| | AE | 4,417,935 A | 11/1983 | Spencer | | | |
| | AF | 4,418,123 A | 11/1983 | Bunnelle et al. | | | |
| | AG | 4,438,167 A | 03/1984 | Schwarz | | | |
| | AH | 4,440,819 A | 04/1984 | Rosser et al. | | | |
| | AI | 4,490,427 A | 12/1984 | Grant et al. | | | |
| | AJ | 4,496,417 A | 01/1985 | Haake et al. | | | |
| <i>mj</i> | AK | 4,507,163 A | 03/1985 | Menard | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>mj</i> | AL | 2 250 921 | 06/1992 | GB | | | | |
| <i>mj</i> | AM | 2 253 131 | 09/1992 | GB | | | | |
| | AN | 2 267 024 | 11/1993 | GB | | | | |
| <i>mj</i> | AO | 2 268 389 | 01/1994 | GB | | | | |
| <i>mj</i> | AP | 92891 | 02/1992 | IS | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|--|
| AR | | |
| | | |
| AS | | |
| | | |
| AT | | |
| | | |

| | | |
|---|-------------------|-----------------|
| EXAMINER | <i>Marc Juras</i> | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| <i>mj</i> | AA | 4,522,863 A | 06/1985 | Keck et al. | | | |
| | AB | 4,525,407 A | 06/1985 | Ness | | | |
| | AC | 4,543,099 A | 09/1985 | Bunnelle et al. | | | |
| | AD | 4,548,859 A | 10/1985 | Kline et al. | | | |
| | AE | 4,552,795 A | 11/1985 | Hansen et al. | | | |
| | AF | 4,555,811 A | 12/1985 | Shimalla | | | |
| | AG | 4,572,752 A | 02/1986 | Jensen et al. | | | |
| | AH | 4,586,199 A | 05/1986 | Birring | | | |
| | AI | D284,036 S | 06/1986 | Birring | | | |
| | AJ | 4,606,964 A | 08/1986 | Wideman | | | |
| <i>mj</i> | AK | 4,618,384 A | 10/1986 | Sabee | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|-----------|----|-----------------|---------|---------|-------|----------|-------------|
| | | | | | | | YES |
| <i>mj</i> | AL | 3-67646 | 03/1991 | JP | | | |
| | AM | WO 80/00676 | 04/1980 | PCT | | | |
| | AN | WO 90/03464 | 04/1990 | PCT | | | |
| | AO | WO 91/07277 | 05/1991 | PCT | | | |
| <i>mj</i> | AP | WO 92/16371 | 10/1992 | PCT | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | AS | | |
| | AT | | |

| | | |
|----------|--------------------|-----------------|
| EXAMINER | <i>Muse, James</i> | DATE CONSIDERED |
| | | <i>10/15/05</i> |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 4,626,305 A | 12/1986 | Suzuki et al. | | | |
| <i>MJ</i> | AB | 4,636,419 A | 01/1987 | Madsen et al. | | | |
| | AC | 4,640,859 A | 02/1987 | Hansen et al. | | | |
| | AD | 4,644,045 A | 02/1987 | Fowells | | | |
| | AE | 4,652,487 A | 03/1987 | Morman | | | |
| | AF | 4,656,081 A | 04/1987 | Ando et al. | | | |
| | AG | 4,657,793 A | 04/1987 | Fisher | | | |
| | AH | 4,657,802 A | 04/1987 | Morman | | | |
| | AI | 4,661,389 A | 04/1987 | Mudge et al. | | | |
| <i>MJ</i> | AJ | 4,663,220 A | 05/1987 | Wisneski et al. | | | |
| <i>MJ</i> | AK | 4,666,543 A | 05/1987 | Kawano | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>MJ</i> | AL | WO 93/15247 | 08/1993 | PCT | | | | |
| | AM | WO 93/17648 | 09/1993 | PCT | | | | |
| | AN | WO 94/09736 | 05/1994 | PCT | | | | |
| | AO | WO 95/03443 | 02/1995 | PCT | | | | |
| <i>MJ</i> | AP | WO 95/04182 | 02/1995 | PCT | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|--|
| AR | | |
| | | |
| AS | | |
| | | |
| AT | | |
| | | |

| | | | |
|----------|-------------------|-----------------|-----------------|
| EXAMINER | <i>Mary Janes</i> | DATE CONSIDERED | <i>10/15/05</i> |
|----------|-------------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | | |
|---|--|--|--|-------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | |
| | | FILING DATE 04 November 2003 | | GROUP 1712 | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|----------------------|-------|----------|----------------------------|
| <i>mj</i> | AA | 4,675,068 A | 06/1987 | Lundmark | | | |
| | AB | 4,683,877 A | 08/1987 | Ersfeld et al. | | | |
| | AC | 4,687,477 A | 08/1987 | Suzuki et al. | | | |
| | AD | 4,692,368 A | 09/1987 | Taylor et al. | | | |
| | AE | 4,692,371 A | 09/1987 | Morman et al. | | | |
| | AF | 4,698,242 A | 10/1987 | Salemo | | | |
| | AG | 4,704,116 A | 11/1987 | Enloe | | | |
| | AH | 4,718,901 A | 01/1988 | Singheimer | | | |
| | AI | 4,719,261 A | 01/1988 | Bunnelle et al. | | | |
| | AJ | 4,720,415 A | 01/1988 | Vander Wielen et al. | | | |
| <i>mj</i> | AK | 4,725,468 A | 02/1988 | McIntyre | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>mj</i> | AL | WO 95/16425 | 06/1995 | PCT | | | | |
| | AM | WO 95/16562 | 06/1995 | PCT | | | | |
| | AN | WO 95/34264 | 12/1995 | PCT | | | | |
| | AO | WO 96/13989 | 05/1996 | PCT | | | | |
| <i>mj</i> | AP | WO 96/23466 | 08/1996 | PCT | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | |
|----------|----|--|--|--|--|--|--|
| EXAMINER | AR | | | | | | |
| | | | | | | | |
| | AS | | | | | | |
| | | | | | | | |
| | AT | | | | | | |
| | | | | | | | |

Mark James

DATE CONSIDERED

10/25/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----------------|---------|--------------------|-------|----------|----------------------------|
| mg | AA 4,726,874 A | 02/1988 | Van Vliet | | | |
| | AB 4,734,311 A | 03/1988 | Sokolowski | | | |
| | AC 4,734,320 A | 03/1988 | Ohira et al. | | | |
| | AD 4,734,447 A | 03/1988 | Hattori et al. | | | |
| | AE 4,735,673 A | 04/1988 | Piron | | | |
| | AF 4,756,942 A | 07/1988 | Aichele | | | |
| | AG 4,761,198 A | 08/1988 | Salerno | | | |
| | AH 4,762,582 A | 08/1988 | de Jonckheere | | | |
| | AI 4,775,579 A | 10/1988 | Hagy et al. | | | |
| | AJ 4,777,080 A | 10/1988 | Harris, Jr. et al. | | | |
| mg | AK 4,781,966 A | 11/1988 | Taylor | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| mg | AL | WO 96/35402 | 11/1996 | PCT | | | | |
| 10 | AM | WO 97/17046 | 05/1997 | PCT | | | | |
| | AN | WO 98/14156 | 04/1998 | PCT | | | | |
| | AO | WO 98/49988 | 11/1998 | PCT | | | | |
| mg | AP | WO 98/55062 | 12/1998 | PCT | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|--|
| AR | | |
| | | |
| AS | | |
| | | |
| AT | | |
| | | |

| | | |
|----------|----|-----------------|
| EXAMINER | mg | DATE CONSIDERED |
|----------|----|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|---|--|-------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | | |
| APPLICANT(S) Peiguang ZHOU et al. | | | |
| FILING DATE 04 November 2003 | | | |
| GROUP 1712 | | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| <i>mj</i> | AA | 4,787,699 A | 11/1988 | Moulin | | | |
| <i>p</i> | AB | 4,789,699 A | 12/1988 | Kieffer et al. | | | |
| | AC | 4,795,668 A | 01/1989 | Krueger et al. | | | |
| | AD | 4,798,603 A | 01/1989 | Meyer et al. | | | |
| | AE | 4,801,345 A | 01/1989 | Dussaud et al. | | | |
| | AF | 4,801,482 A | 01/1989 | Goggans et al. | | | |
| | AG | 4,803,117 A | 02/1989 | Daponte | | | |
| | AH | 4,804,577 A | 02/1989 | Hazelton et al. | | | |
| | AI | 4,818,464 A | 04/1989 | Lau | | | |
| | AJ | 4,818,597 A | 04/1989 | DaPonte et al. | | | |
| <i>mj</i> | AK | 4,826,415 A | 05/1989 | Mende | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>mj</i> | AL | WO 99/17926 | 04/1999 | PCT | | | <i>1</i> | |
| <i>p</i> | AM | WO 99/24519 | 05/1999 | PCT | | | | |
| <i>p</i> | AN | WO 99/47590 | 09/1999 | PCT | | | | |
| <i>mj</i> | AO | WO 99/60969 | 12/1999 | PCT | | | | |
| <i>mj</i> | AP | WO 99/60970 | 12/1999 | PCT | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|----|--|--|--|
| AR | | | |
| | | | |
| AS | | | |
| | | | |
| AT | | | |
| | | | |

EXAMINER

Mauri Janner

DATE CONSIDERED

10/25/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part1.3/ mrc

| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 | | |
|---|----|--|---------|-------------------------------|--------------------------|----------|----------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | | | |
| | | FILING DATE 04 November 2003 | | GROUP 1712 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>mj</i> | AA | 4,842,666 A | 06/1989 | Werenicz | | | |
| <i>p</i> | AB | 4,854,985 A | 08/1989 | Soderlund et al. | | | |
| | AC | 4,854,989 A | 08/1989 | Singheimer | | | |
| | AD | 4,863,779 A | 09/1989 | Daponte | | | |
| | AE | 4,867,735 A | 09/1989 | Wogelius | | | |
| | AF | 4,874,447 A | 10/1989 | Hazelton et al. | | | |
| | AG | 4,879,170 A | 11/1989 | Radwanski et al. | | | |
| | AH | 4,883,482 A | 11/1989 | Gandrez et al. | | | |
| | AI | 4,883,549 A | 11/1989 | Frost et al. | | | |
| | AJ | 4,891,258 A | 01/1990 | Fahrenkrug | | | |
| <i>mj</i> | AK | 4,892,536 A | 01/1990 | DesMarais et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| <i>mj</i> | AL | WO 99/60971 | 12/1999 | PCT | | | |
| <i>mj</i> | AM | WO 00/10500 | 03/2000 | PCT | | | |
| <i>mj</i> | AN | WO 00/29199 | 05/2000 | PCT | | | |
| <i>mj</i> | AO | WO 00/37003 | 06/2000 | PCT | | | |
| <i>mj</i> | AP | WO 00/37005 | 06/2000 | PCT | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AR | | | | | | |
| | | | | | | | |
| | AS | | | | | | |
| | | | | | | | |
| | AT | | | | | | |
| | | | | | | | |
| EXAMINER | | <i>Marc Janney</i> | | | DATE CONSIDERED | | <i>10/25/03</i> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | USCOMM-DC 80-3985 |

| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 | | |
|---|----|--|---------|-------------------------------|--------------------------|----------|----------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | | | |
| | | FILING DATE 04 November 2003 | | GROUP 1712 | | | |
| | | U.S. PATENT DOCUMENTS | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>mg</i> | AA | 4,892,903 A | 01/1990 | Himes | | | |
| <i>mg</i> | AB | 4,900,619 A | 02/1990 | Ostrowski et al. | | | |
| | AC | 4,906,507 A | 03/1990 | Grynaeus et al. | | | |
| | AD | 4,908,247 A | 03/1990 | Baird et al. | | | |
| | AE | 4,908,253 A | 03/1990 | Rasmussen | | | |
| | AF | 4,910,064 A | 03/1990 | Sabee | | | |
| | AG | 4,917,696 A | 04/1990 | De Jonckheere | | | |
| | AH | 4,917,746 A | 04/1990 | Kons et al. | | | |
| | AI | 4,929,492 A | 05/1990 | Carey, Jr. et al. | | | |
| | AJ | 4,935,021 A | 06/1990 | Huffman et al. | | | |
| <i>mg</i> | AK | 4,938,821 A | 07/1990 | Soderlund et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| <i>mg</i> | AL | WO 00/37009 | 06/2000 | PCT | | | YES |
| <i>mg</i> | AM | WO 00/37723 | 06/2000 | PCT | | | NO |
| | AN | WO 01/00053 | 01/2001 | PCT | | | |
| | AO | WO 01/32116 | 05/2001 | PCT | | | |
| <i>mg</i> | AP | WO 01/49907 | 07/2001 | PCT | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| AR | | | | | | | |
| | | | | | | | |
| AS | | | | | | | |
| | | | | | | | |
| AT | | | | | | | |
| | | | | | | | |
| EXAMINER | | DATE CONSIDERED | | | | | |
| <i>Mark Janner</i> | | <i>10/15/05</i> | | | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

| | | | | | |
|---|--|--|---------------|-------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | |
| | | FILING DATE 04 November 2003 | GROUP 1712 | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-------------------|-------|----------|----------------------------|
| <i>mz</i> | AA | 4,939,016 A | 07/1990 | Radwanski et al. | | | |
| | AB | 4,940,464 A | 07/1990 | Van Gompel et al. | | | |
| | AC | 4,949,668 A | 08/1990 | Heindel et al. | | | |
| | AD | 4,965,122 A | 10/1990 | Morman | | | |
| | AE | 4,968,313 A | 11/1990 | Sabee | | | |
| | AF | 4,970,259 A | 11/1990 | Mitchell et al. | | | |
| | AG | 4,977,011 A | 12/1990 | Smith | | | |
| | AH | 4,981,747 A | 01/1991 | Morman | | | |
| | AI | 4,984,584 A | 01/1991 | Hansen et al. | | | |
| | AJ | 4,994,508 A | 02/1991 | Shiraki et al. | | | |
| <i>mz</i> | AK | 4,995,928 A | 02/1991 | Sabee | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>mz</i> | AL | WO 01/87214 | 11/2001 | PCT | | | | |
| | AM | WO 02/34184 | 05/2002 | PCT | | | | |
| | AN | WO 02/053667 A2 | 07/2002 | PCT | | | | |
| | AO | WO 02/053668 A2 | 07/2002 | PCT | | | | |
| <i>mz</i> | AP | WO 02/060690 | 08/2002 | PCT | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | | | |
| | AS | | |
| | | | |
| | AT | | |
| | | | |

| | | | |
|----------|-------------------|-----------------|-----------------|
| EXAMINER | <i>Marc James</i> | DATE CONSIDERED | <i>10/15/06</i> |
|----------|-------------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 | | |
|---|--------------------|--|---------|-------------------------------|--------------------------|-----------------|----------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | | | |
| | | FILING DATE 04 November 2003 | | GROUP 1712 | | | |
| | | U.S. PATENT DOCUMENTS | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>mg</i> | AA | 4,998,929 A | 03/1991 | Bjorksund et al. | | | |
| | AB | 5,000,806 A | 03/1991 | Merkatoris et al. | | | |
| | AC | 5,002,815 A | 03/1991 | Yamanaka et al. | | | |
| | AD | 5,005,215 A | 04/1991 | McIquham | | | |
| | AE | 5,013,785 A | 05/1991 | Mizui | | | |
| | AF | 5,028,646 A | 07/1991 | Miller et al. | | | |
| | AG | 5,032,120 A | 07/1991 | Freeland et al. | | | |
| | AH | 5,034,008 A | 07/1991 | Breitkopf | | | |
| | AI | 5,045,133 A | 09/1991 | DaPonte et al. | | | |
| | AJ | 5,057,368 A | 10/1991 | Largman et al. | | | |
| <i>mg</i> | AK | 5,060,349 A | 10/1991 | Walton et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| <i>mg</i> | AL | WO 02/085624 A1 | 10/2002 | PCT | | | YES |
| <i>mg</i> | AM | WO 2004/039907 A1 | 05/2004 | PCT | | | NO |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| AR | | | | | | | |
| | | | | | | | |
| AS | | | | | | | |
| | | | | | | | |
| AT | | | | | | | |
| | | | | | | | |
| EXAMINER | <i>Marc Jumper</i> | | | DATE CONSIDERED | | <i>10/25/05</i> | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|------------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 5,069,970 A | 12/1991 | Largman et al. | | | |
| <i>MJ</i> | AB | 5,073,436 A | 12/1991 | Antonacci et al. | | | |
| | AC | 5,093,422 A | 03/1992 | Himes | | | |
| | AD | 5,096,532 A | 03/1992 | Neuwirth et al. | | | |
| | AE | 5,100,435 A | 03/1992 | Onwumere | | | |
| | AF | 5,108,820 A | 04/1992 | Kaneko et al. | | | |
| | AG | 5,110,403 A | 05/1992 | Ehlert | | | |
| | AH | 5,112,889 A | 05/1992 | Miller et al. | | | |
| | AI | 5,114,087 A | 05/1992 | Fisher et al. | | | |
| | AJ | 5,116,662 A | 05/1992 | Morman | | | |
| <i>MJ</i> | AK | 5,145,727 A | 09/1992 | Potts et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|----|--|--|--|
| AR | | | |
| | | | |
| AS | | | |
| | | | |
| AT | | | |
| | | | |

EXAMINER

Marc Jemmer

DATE CONSIDERED

10/15/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part1.3/ mrc

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1448 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-------------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 5,147,487 A | 09/1992 | Nomura et al. | | / | |
| | AB | 5,149,741 A | 09/1992 | Alper et al. | | | |
| | AC | D331,627 S | 12/1992 | Igaue et al. | | | |
| | AD | 5,169,706 A | 12/1992 | Collier IV et al. | | | |
| | AE | 5,169,712 A | 12/1992 | Tapp | | | |
| | AF | 5,176,668 A | 01/1993 | Bernardin | | | |
| | AG | 5,176,672 A | 01/1993 | Bruemmer et al. | | | |
| | AH | 5,178,931 A | 01/1993 | Perkins et al. | | | |
| | AI | 5,186,779 A | 02/1993 | Tubbs | | | |
| | AJ | 5,188,885 A | 02/1993 | Timmons et al. | | | |
| <i>MJ</i> | AK | 5,192,606 A | 03/1993 | Proxmire et al. | / | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | | |
|--|----|--|--|--|--|--|--|--|
| | AR | | | | | | | |
| | | | | | | | | |
| | AS | | | | | | | |
| | | | | | | | | |
| | AT | | | | | | | |
| | | | | | | | | |

EXAMINER

Marc Jemmes

DATE CONSIDERED

10/15/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | | |
|--|--|--|---------------|-------------------------------|--------------------------|
| FORM PTO-1448 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | |
| | | FILING DATE 04 November 2003 | GROUP 1712 | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 5,198,281 A | 03/1993 | Muzzy et al. | | | |
| | AB | 5,200,246 A | 04/1993 | Sabee | | | |
| | AC | 5,204,429 A | 04/1993 | Kaminsky et al. | | | |
| | AD | D335,707 S | 05/1993 | Igaue et al. | | | |
| | AE | 5,209,801 A | 05/1993 | Smith | | | |
| | AF | 5,219,633 A | 06/1993 | Sabee | | | |
| | AG | 5,226,992 A | 07/1993 | Morman | | | |
| | AH | 5,229,191 A | 07/1993 | Austin | | | |
| | AI | 5,232,777 A | 08/1993 | Sipinen et al. | | | |
| <i>MJ</i> | AJ | 5,236,430 A | 08/1993 | Bridges | | | |
| | AK | 5,236,770 A | 08/1993 | Assent et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | | | |
| | AS | | |
| | | | |
| | AT | | |
| | | | |

| | | |
|----------|--------------------|-----------------|
| EXAMINER | <i>Mary Jumper</i> | DATE CONSIDERED |
|----------|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | |
|--|--|--|-------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | |
| | | FILING DATE 04 November 2003 | GROUP 1712 | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|--------------------|-------|----------|----------------------------|
| <i>mj</i> | AA | 5,238,733 A | 08/1993 | Joseph et al. | | | |
| | AB | 5,246,433 A | 09/1993 | Hasse et al. | | | |
| | AC | D340,283 S | 10/1993 | Igaue et al. | | | |
| | AD | 5,252,170 A | 10/1993 | Schaupp | | | |
| | AE | 5,259,902 A | 11/1993 | Muckenfuhs | | | |
| | AF | 5,260,126 A | 11/1993 | Collier, IV et al. | | | |
| | AG | 5,272,236 A | 12/1993 | Lai et al. | | | |
| | AH | 5,277,976 A | 01/1994 | Hogle et al. | | | |
| | AI | 5,278,272 A | 01/1994 | Lai et al. | | | |
| <i>mj</i> | AJ | 5,288,791 A | 02/1994 | Collier, IV et al. | | | |
| | AK | 5,280,842 A | 03/1994 | Sasaki et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | | | |
| | AS | | |
| | | | |
| | AT | | |
| | | | |

EXAMINER

Marc Jumper

DATE CONSIDERED

10/15/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part1.3/ mrc

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-------------------|-------|----------|----------------------------|
| <i>M</i> | AA | 5,296,080 A | 03/1994 | Merkatoris et al. | | | |
| <i>M</i> | AB | 5,304,599 A | 04/1994 | Himes | | | |
| | AC | 5,308,345 A | 05/1994 | Herrin | | | |
| | AD | 5,312,500 A | 05/1994 | Kurihara et al. | | | |
| | AE | 5,324,580 A | 06/1994 | Allan et al. | | | |
| | AF | 5,332,613 A | 07/1994 | Taylor et al. | | | |
| | AG | 5,334,437 A | 08/1994 | Zafiroglu | | | |
| | AH | 5,334,446 A | 08/1994 | Quantrille et al. | | | |
| | AI | 5,336,545 A | 08/1994 | Morman | | | |
| <i>M</i> | AJ | 5,336,552 A | 08/1994 | Strack et al. | | | |
| <i>M</i> | AK | 5,342,469 A | 08/1994 | Bodford et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|--|
| AR | | |
| | | |
| AS | | |
| | | |
| AT | | |
| | | |

| | | | |
|----------|--------------------|-----------------|-----------------|
| EXAMINER | <i>Mark Janner</i> | DATE CONSIDERED | <i>10/25/06</i> |
|----------|--------------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part1.3/mrc

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-------------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 5,360,854 A | 11/1994 | Bozich, Jr. | | | |
| | AB | 5,364,382 A | 11/1994 | Latimer et al. | | | |
| | AC | 5,366,793 A | 11/1994 | Fitts, Jr. et al. | | | |
| | AD | 5,376,198 A | 12/1994 | Fahrenkrug et al. | | | |
| | AE | 5,376,430 A | 12/1994 | Swenson et al. | | | |
| | AF | 5,382,400 A | 01/1995 | Pike et al. | | | |
| | AG | 5,385,775 A | 01/1995 | Wright | | | |
| | AH | 5,389,173 A | 02/1995 | Merkatoris et al. | | | |
| | AI | 5,389,438 A | 02/1995 | Miller et al. | | | |
| | AJ | 5,393,599 A | 02/1995 | Quantrille et al. | | | |
| <i>MJ</i> | AK | 5,399,219 A | 03/1995 | Roessler et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | | | |
| | AS | | |
| | | | |
| | AT | | |
| | | | |

| | | | |
|----------|--------------------|-----------------|-----------------|
| EXAMINER | <i>Mark Janner</i> | DATE CONSIDERED | <i>10/15/05</i> |
|----------|--------------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>mj</i> | AA | 5,405,682 A | 04/1995 | Shawyer et al. | | | |
| <i>10</i> | AB | 5,407,507 A | 04/1995 | Ball | | | |
| | AC | 5,411,618 A | 05/1995 | Jocewicz, Jr. | | | |
| | AD | 5,413,654 A | 05/1995 | Igaue et al. | | | |
| | AE | 5,413,849 A | 05/1995 | Austin et al. | | | |
| | AF | 5,415,644 A | 05/1995 | Enloe | | | |
| | AG | 5,415,649 A | 05/1995 | Watanabe et al. | | | |
| | AH | 5,415,925 A | 05/1995 | Austin et al. | | | |
| | AI | 5,422,172 A | 06/1995 | Wu | | | |
| <i>mj</i> | AJ | 5,425,987 A | 06/1995 | Shawver et al. | | | |
| <i>mj</i> | AK | 5,429,629 A | 07/1995 | Latimer et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|----|--|--|--|
| AR | | | |
| | | | |
| AS | | | |
| | | | |
| AT | | | |
| | | | |

| | | |
|----------|--------------------|-----------------|
| EXAMINER | <i>Mark Jumars</i> | DATE CONSIDERED |
|----------|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | | SERIAL NO. 10/701,259 | |
|---|--------------------|--|---------|---------------------------------|-------|--------------------------|----------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | | | |
| | | FILING DATE 04 November 2003 | | GROUP 1712 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>MJ</i> | AA | 5,429,694 A | 07/1995 | Hermann | | | |
| | AB | 5,429,856 A | 07/1995 | Krueger et al. | | | |
| | AC | 5,431,644 A | 07/1995 | Sipinen et al. | | | |
| | AD | 5,431,991 A | 07/1995 | Quantrille et al. | | | |
| | AE | 5,447,462 A | 09/1995 | Smith et al. | | | |
| | AF | 5,447,508 A | 09/1995 | Numano et al. | | | |
| | AG | 5,449,353 A | 09/1995 | Watanabe et al. | | | |
| | AH | 5,464,401 A | 11/1995 | Hasse et al. | | | |
| | AI | 5,466,410 A | 11/1995 | Hills | | | |
| | AJ | 5,472,775 A | 12/1995 | Obijeski et al. | | | |
| <i>MJ</i> | AK | 5,476,458 A | 12/1995 | Glaug et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| EXAMINER | <i>Marc Jumars</i> | | | DATE CONSIDERED <i>10/15/06</i> | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|---------|------------------|-------|----------|----------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>MJ</i> | AA | 5,476,563 A | 12/1995 | Nakata | | | |
| | AB | 5,484,645 A | 01/1996 | Lickfield et al. | | | |
| | AC | 5,486,166 A | 01/1996 | Bishop et al. | | | |
| | AD | 5,490,846 A | 02/1996 | Ellis et al. | | | |
| | AE | 5,496,298 A | 03/1996 | Kuepper et al. | | | |
| | AF | 5,498,468 A | 03/1996 | Blaney | | | |
| | AG | 5,500,075 A | 03/1996 | Hermann | | | |
| | AH | 5,501,679 A | 03/1996 | Krueger et al. | | | |
| | AI | 5,509,915 A | 04/1996 | Hanson et al. | | | |
| | AJ | 5,514,470 A | 05/1996 | Haffner et al. | | | |
| <i>MJ</i> | AK | 5,516,476 A | 05/1996 | Haggard et al. | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |

| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
|--|----|--|--|--|--|--|--|
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |

| | | | |
|---|--------------------|-----------------|-----------------|
| EXAMINER | <i>Marc Janner</i> | DATE CONSIDERED | <i>10/13/06</i> |
| *EXAMINER: Initial if reference considered. Whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|----------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 5,523,146 A | 06/1996 | Bodford et al. | | / | |
| | AB | 5,527,300 A | 06/1996 | Sauer | | | |
| | AC | 5,531,850 A | 07/1996 | Hermann | | | |
| | AD | 5,534,330 A | 07/1996 | Groshens | | | |
| | AE | 5,536,563 A | 07/1996 | Shah et al. | | | |
| | AF | 5,540,796 A | 07/1996 | Fries | | | |
| | AG | 5,540,976 A | 07/1996 | Shawver et al. | | | |
| | AH | 5,543,206 A | 08/1996 | Austin et al. | | | |
| | AI | 5,545,158 A | 08/1996 | Jessup | | | |
| <i>MJ</i> | AJ | 5,545,285 A | 08/1996 | Johnson | | | |
| | AK | 5,549,964 A | 08/1996 | Shohji et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | | | |
| | AS | | |
| | | | |
| | AT | | |
| | | | |

| | | | |
|----------|------------------------|-----------------|-----------------|
| EXAMINER | <i>Mark J. Juniper</i> | DATE CONSIDERED | <i>10/15/04</i> |
|----------|------------------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,258 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>mj</i> | AA | 5,569,232 A | 10/1996 | Roe et al. | | | |
| <i>l</i> | AB | 5,575,783 A | 11/1996 | Clear et al. | | | |
| | AC | 5,576,090 A | 11/1996 | Suzuki | | | |
| | AD | 5,582,668 A | 12/1996 | Kling | | | |
| | AE | 5,591,152 A | 01/1997 | Buell et al. | | | |
| | AF | 5,591,792 A | 01/1997 | Hattori et al. | | | |
| | AG | 5,595,618 A | 01/1997 | Fries et al. | | | |
| | AH | 5,597,430 A | 01/1997 | Rasche | | | |
| | AI | 5,612,118 A | 03/1997 | Schleinz et al. | | | |
| <i>mj</i> | AJ | 5,614,276 A | 03/1997 | Petsetakis | | | |
| <i>mj</i> | AK | 5,620,780 A | 04/1997 | Krueger et al. | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |

| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
|--|----|--|--|--|--|--|--|
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |

| | | | |
|---|--------------------|-----------------|-----------------|
| EXAMINER | <i>Marc Janner</i> | DATE CONSIDERED | <i>10/15/04</i> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|----------------|-------|----------|----------------------------|
| <i>mj</i> | AA | 5,624,740 A | 04/1997 | Nakata | | | |
| | AB | 5,626,573 A | 05/1997 | Igaue et al. | | | |
| | AC | 5,628,856 A | 05/1997 | Dobrin et al. | | | |
| | AD | 5,645,672 A | 07/1997 | Dobrin | | | |
| | AE | 5,652,041 A | 07/1997 | Buerger et al. | | | |
| | AF | 5,660,664 A | 08/1997 | Hermann | | | |
| | AG | 5,663,228 A | 09/1997 | Sasaki et al. | | | |
| | AH | 5,669,897 A | 09/1997 | Lavon et al. | | | |
| | AI | 5,680,653 A | 10/1997 | Mathis et al. | | | |
| | AJ | 5,681,302 A | 10/1997 | Melbye et al. | | | |
| <i>mj</i> | AK | 5,683,787 A | 11/1997 | Boich et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | AS | | |
| | AT | | |

| | | |
|----------|--------------------|-----------------|
| EXAMINER | <i>Mark Jemmer</i> | DATE CONSIDERED |
|----------|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|------------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 5,690,626 A | 11/1997 | Suzuki et al. | | | |
| | AB | 5,691,034 A | 11/1997 | Krueger et al. | | | |
| | AC | 5,693,038 A | 12/1997 | Suzuki et al. | | | |
| | AD | 5,695,849 A | 12/1997 | Shawver et al. | | | |
| | AE | 5,702,378 A | 12/1997 | Widlund et al. | | | |
| | AF | 5,707,709 A | 01/1998 | Blake | | | |
| | AG | 5,709,921 A | 01/1998 | Shawver | | | |
| | AH | 5,720,838 A | 02/1998 | Nakata | | | |
| | AI | 5,733,635 A | 03/1998 | Terakawa et al. | | | |
| | AJ | 5,733,822 A | 03/1998 | Gessner et al. | | | |
| <i>MJ</i> | AK | 5,735,839 A | 04/1998 | Kawaguchi et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | | | |
| | AS | | |
| | | | |
| | AT | | |
| | | | |

EXAMINER

Mark Janner

DATE CONSIDERED

10/15/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005-part2.4/ mrc

| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | | SERIAL NO. 10/701,259 | |
|---|----|--|---------|---------------------------------|-------|--------------------------|----------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | | | |
| | | FILING DATE 04 November 2003 | | GROUP 1712 | | | |
| | | U.S. PATENT DOCUMENTS | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>h</i> | AA | 5,736,219 A | 04/1998 | Suehr et al. | | | |
| <i>h</i> | AB | 5,746,731 A | 05/1998 | Hisada | | | |
| | AC | 5,749,865 A | 05/1998 | Yamamoto et al. | | | |
| | AD | 5,749,866 A | 05/1998 | Roe et al. | | | |
| | AE | 5,766,389 A | 06/1998 | Brandon et al. | | | |
| | AF | 5,766,737 A | 06/1998 | Willey et al. | | | |
| | AG | 5,769,838 A | 06/1998 | Buell et al. | | | |
| | AH | 5,769,993 A | 06/1998 | Baldauf | | | |
| | AI | 5,772,649 A | 06/1998 | Siudzinski | | | |
| <i>h</i> | AJ | 5,773,373 A | 06/1998 | Wynne et al. | | | |
| <i>h</i> | AK | 5,773,374 A | 06/1998 | Wood et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES |
| | AL | | | | | | NO |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| EXAMINER <i>Mark J. Funn</i> | | | | DATE CONSIDERED <i>10/15/05</i> | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|--------------------|-------|----------|----------------------------|
| <i>hj</i> | AA | 5,788,804 A | 08/1998 | Horsting | | | |
| | AB | 5,789,065 A | 08/1998 | Haffner et al. | | | |
| | AC | 5,789,328 A | 08/1998 | Kurihara et al. | | | |
| | AD | 5,789,474 A | 08/1998 | Lu et al. | | | |
| | AE | 5,790,983 A | 08/1998 | Rosch et al. | | | |
| | AF | 5,800,903 A | 09/1998 | Wood et al. | | | |
| | AG | 5,804,021 A | 09/1998 | Abuto et al. | | | |
| | AH | 5,804,286 A | 09/1998 | Quantrille et al. | | | |
| | AI | 5,814,176 A | 09/1998 | Proulx | | | |
| | AJ | 5,817,087 A | 10/1998 | Takabayashi et al. | | | |
| <i>hj</i> | AK | 5,818,719 A | 10/1998 | Brandon et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | AS | | |
| | AT | | |

EXAMINER

Mark Janner

DATE CONSIDERED

10/15/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part2.4/ mrc

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 5,830,203 A | 11/1998 | Suzuki et al. | | | |
| | AB | 5,834,089 A | 11/1998 | Jones et al. | | | |
| | AC | 5,836,931 A | 11/1998 | Toyoda et al. | | | |
| | AD | 5,836,932 A | 11/1998 | Buell et al. | | | |
| | AE | 5,840,412 A | 11/1998 | Wood et al. | | | |
| | AF | 5,840,633 A | 11/1998 | Kurihara et al. | | | |
| | AG | 5,846,232 A | 12/1998 | Serbiak et al. | | | |
| | AH | 5,849,001 A | 12/1998 | Torimae et al. | | | |
| | AI | 5,856,387 A | 01/1999 | Sasaki et al. | | | |
| | AJ | 5,858,515 A | 01/1999 | Stokes et al. | | | |
| <i>MJ</i> | AK | 5,860,945 A | 01/1999 | Cramer et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | AS | | |
| | AT | | |

EXAMINER

Mark Jumper

DATE CONSIDERED

10/10/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part2.4/ mrc

| | | | | | |
|---|--|--|---------------|-------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | |
| | | FILING DATE 04 November 2003 | GROUP 1712 | | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|---------|------------------|-------|----------|----------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>MJ</i> | AA | 5,865,933 A | 02/1999 | Morin et al. | | | |
| | AB | 5,876,392 A | 03/1999 | Hisada | | | |
| | AC | 5,879,776 A | 03/1999 | Nakata | | | |
| | AD | 5,882,573 A | 03/1999 | Kwok et al. | | | |
| | AE | 5,885,656 A | 03/1999 | Goldwasser | | | |
| | AF | 5,885,686 A | 03/1999 | Cederblad et al. | | | |
| | AG | 5,897,546 A | 04/1999 | Kido et al. | | | |
| | AH | 5,899,895 A | 05/1999 | Robles et al. | | | |
| | AI | 5,902,540 A | 05/1999 | Kwok | | | |
| | AJ | 5,904,298 A | 05/1999 | Kwok et al. | | | |
| <i>MJ</i> | AK | 5,916,206 A | 06/1999 | Otsubo et al. | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |

| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
|--|----|--|--|--|--|--|--|
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |

| | | | |
|---|-------------------|-----------------|-----------------|
| EXAMINER | <i>Marc James</i> | DATE CONSIDERED | <i>10/15/03</i> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

USCOMM-DC 80-3985

KCC-2225

p1005-part2.4/ mrc

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|---------|--------------------|-------|----------|----------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>MJ</i> | AA | 5,921,973 A | 07/1999 | Newkirk et al. | | | |
| | AB | 5,930,139 A | 07/1999 | Chapdelaine et al. | | | |
| | AC | 5,931,581 A | 08/1999 | Garberg et al. | | | |
| | AD | 5,932,039 A | 08/1999 | Popp et al. | | | |
| | AE | 5,938,648 A | 08/1999 | LaVon et al. | | | |
| | AF | 5,941,865 A | 08/1999 | Otsubo et al. | | | |
| | AG | D414,262 S | 09/1999 | Ashton et al. | | | |
| | AH | 5,952,252 A | 09/1999 | Shawver et al. | | | |
| | AI | 5,964,970 A | 10/1999 | Woolwine et al. | | | |
| | AJ | 5,964,973 A | 10/1999 | Heath et al. | | | |
| <i>MJ</i> | AK | 5,990,377 A | 11/1999 | Chen et al. | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |

| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
|--|----|--|--|--|--|--|--|
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |

| | | | |
|----------|--------------------|-----------------|-----------------|
| EXAMINER | <i>Mark Jumper</i> | DATE CONSIDERED | <i>10/25/05</i> |
|----------|--------------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part2.4/ mrc

| | | | | | |
|---|--|--|---------------|-------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | |
| | | FILING DATE 04 November 2003 | GROUP 1712 | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-------------------------|-------|----------|----------------------------|
| <i>mg</i> | AA | 5,993,433 A | 11/1999 | St. Louis et al. | | | |
| | AB | 5,997,521 A | 12/1999 | Robles et al. | | | |
| | AC | 6,004,306 A | 12/1999 | Robles et al. | | | |
| | AD | 6,033,502 A | 03/2000 | Coenen et al. | | | |
| | AE | 6,045,543 A | 04/2000 | Pozniak et al. | | | |
| | AF | 6,048,326 A | 04/2000 | Davis et al. | | | |
| | AG | 6,057,024 A | 05/2000 | Mleziva et al. | | | |
| | AH | 6,066,369 A | 05/2000 | Schulz et al. | | | |
| | AI | 6,087,550 A | 07/2000 | Anderson-Fischer et al. | | | |
| | AJ | 6,090,234 A | 07/2000 | Barone et al. | | | |
| <i>mg</i> | AK | 6,092,002 A | 07/2000 | Kastman et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|--|
| AR | | |
| | | |
| AS | | |
| | | |
| AT | | |
| | | |

| | | |
|----------|-------------------|-----------------|
| EXAMINER | <i>Mark James</i> | DATE CONSIDERED |
|----------|-------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part2.4/ mrc

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-------------------|-------|----------|----------------------------|
| <i>MJ</i> | AA | 6,093,663 A | 07/2000 | Ouellette et al. | | / | |
| <i>MJ</i> | AB | 6,096,668 A | 08/2000 | Abuto et al. | | | |
| | AC | 6,123,694 A | 09/2000 | Pieniak et al. | | | |
| | AD | 6,132,410 A | 10/2000 | Van Gompel et al. | | | |
| | AE | 6,149,637 A | 11/2000 | Allen et al. | | | |
| | AF | 6,152,904 A | 11/2000 | Matthews et al. | | | |
| | AG | 6,169,848 B1 | 01/2001 | Henry | | | |
| | AH | 6,183,587 B1 | 02/2001 | McFall et al. | | | |
| | AI | 6,183,847 B1 | 02/2001 | Goldwasser | | | |
| | AJ | 6,197,845 B1 | 03/2001 | Janssen et al. | | | |
| <i>MJ</i> | AK | 6,214,476 B1 | 04/2001 | Ikeda et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|--|
| AR | | |
| | | |
| AS | | |
| | | |
| AT | | |
| | | |

| | | |
|----------|--------------------|-----------------|
| EXAMINER | <i>Mari Jumars</i> | DATE CONSIDERED |
|----------|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part2.4/ mrc

| FORM PTO-1449 (MODIFIED) | | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 | |
|--|----|-----------------|--|---------------------------------|-------------------------------|--------------------------|----------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | | APPLICANT(S) Peiguang ZHOU et al. | | | | |
| | | | FILING DATE 04 November 2003 | GROUP 1712 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>mg</i> | AA | 6,217,690 B1 | 04/2001 | Rajala et al. | | | |
| | AB | 6,231,557 B1 | 05/2001 | Krautkramer et al. | | | |
| | AC | 6,238,379 B1 | 05/2001 | Keuhn, Jr. et al. | | | |
| | AD | 6,245,168 B1 | 06/2001 | Coenen et al. | | | |
| | AE | 6,260,211 B1 | 07/2001 | Rajala et al. | | | |
| | AF | 6,279,807 B1 | 08/2001 | Crowley et al. | | | |
| | AG | 6,290,979 B1 | 09/2001 | Roe et al. | | | |
| | AH | 6,310,164 B1 | 10/2001 | Morizono et al. | | | |
| | AI | 6,316,013 B1 | 11/2001 | Paul et al. | | | |
| | AJ | 6,316,687 B1 | 11/2001 | Davis et al. | | | |
| <i>mg</i> | AK | 6,316,688 B1 | 11/2001 | Hammons et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES |
| | AL | | | | | | NO |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| EXAMINER <i>mg, James</i> | | | | DATE CONSIDERED <i>10/25/05</i> | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

| | | | |
|---|--|--------------------------------------|--------------------------|
| FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KC-19,694 | SERIAL NO. 10/701,259 |
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | |
| | | FILING DATE 04 November 2003 | GROUP 1712 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-------------------|-------|----------|----------------------------|
| <i>WJ</i> | AA | 6,320,096 B1 | 11/2001 | Inoue et al. | | | |
| <i>WJ</i> | AB | 6,323,389 B1 | 11/2001 | Thomas et al. | | | |
| | AC | 6,329,459 B1 | 12/2001 | Kang et al. | | | |
| | AD | 6,364,863 B1 | 04/2002 | Yamamoto et al. | | | |
| | AE | 6,365,659 B1 | 04/2002 | Aoyama et al. | | | |
| | AF | 6,367,089 B2 | 04/2002 | Van Gompel et al. | | | |
| | AG | 6,475,600 B1 | 11/2002 | Morman et al. | | | |
| | AH | 6,537,935 B1 | 03/2003 | Seth et al. | | | |
| | AI | 6,645,190 B1 | 11/2003 | Olson et al. | | | |
| | AJ | 6,657,009 B2 | 12/2003 | Zhou | | | |
| <i>WJ</i> | AK | 6,767,852 B2 | 07/2004 | Friderich et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | | | |
| | AS | | |
| | | | |
| | AT | | |
| | | | |

| | | | |
|----------|--------------------|-----------------|-----------------|
| EXAMINER | <i>Mark Janner</i> | DATE CONSIDERED | <i>10/15/05</i> |
|----------|--------------------|-----------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2225

p1005-part2.4/ mrc

| FORM PTO-1449 (MODIFIED) | | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | | SERIAL NO. 10/701,259 | |
|--|----|-----------------|--|---------------|-------------------------------|----------|----------------------------|----|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | | APPLICANT(S) Peiguang ZHOU et al. | | | | | |
| | | | FILING DATE 04 November 2003 | | GROUP 1712 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| <i>MJ</i> | AA | 2002/0002021 A1 | 01/2002 | May et al. | | | | |
| | AB | 2002/0009940 A1 | 01/2002 | May et al. | | | | |
| | AC | 2002/0019616 A1 | 02/2002 | Thomas | | | | |
| | AD | 2002/0072561 A1 | 06/2002 | Johoji et al. | | | | |
| | AE | 2002/0081423 A1 | 06/2002 | Heffelfinger | | | | |
| | AF | 2002/0104608 A1 | 08/2002 | Welch et al. | | | | |
| | AG | 2002/0122953 A1 | 09/2002 | Zhou | | | | |
| | AH | 2002/0123538 A1 | 09/2002 | Zhou et al. | | | | |
| | AI | 2002/0123726 A1 | 09/2002 | Zhou et al. | | | | |
| <i>MJ</i> | AJ | 2002/0138063 A1 | 09/2002 | Kuen et al. | | | | |
| | AK | 2002/0164465 A1 | 11/2002 | Curro et al. | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| | AR | | | | | | | |
| | AS | | | | | | | |
| | AT | | | | | | | |
| EXAMINER <i>Mark Janner</i> | | | DATE CONSIDERED <i>10/45/06</i> | | | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |

USCOMM-DC 80-3985

KCC-2225

p1005-part2.4/ mrc

| FORM PTO-1449 (MODIFIED) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KC-19,694 | | SERIAL NO. 10/701,259 | |
|---|----|--|---------|-------------------------------|-------|--------------------------|----------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT(S) Peiguang ZHOU et al. | | | | | |
| | | FILING DATE 04 November 2003 | | GROUP 1712 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>mg</i> | AA | 2003/0232928 A1 | 12/2003 | Atwood et al. | | | |
| <i>mg</i> | AB | 2004/0127128 A1 | 07/2004 | Thomas | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |
| EXAMINER | | DATE CONSIDERED <i>10/25/04</i> | | | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |